

IN THE CLAIMS

1. (currently amended) A content distribution server type content delivery system, comprising:

a content delivery server that delivers a data stream for a broadcast program, control information for obtaining data for a broadcast program, and program information~~broadcast contents~~ consisting of a data stream constituting a broadcast program, control information for tuning, and program information; and

a content receiving client that receives the data stream ~~foreseen~~ ~~constituting~~ a broadcast program, the control information for obtaining the broadcast program~~tuning~~, and the program information and reproduces the broadcast ~~program~~contents after temporarily storing the broadcast contents, wherein characterized in that

the content delivery server delivers content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information~~the broadcast contents with control information concerning copyright protection for contents inserted in a section of the control information for tuning or the program information, and~~

the content receiving client controls a reproduction for the received broadcast program based on the content control information and the copyright protection information in the control information for obtaining the broadcast program or in the program information or controls~~operation or a recording reservation processing operation for the broadcast program based on the content control information and the copyright protection information in the control information for obtaining the broadcast program or in the program information stored contents in accordance with the control information concerning copyright~~

protection for contents inserted in the section of the control information for tuning or the program information.

2. (currently amended) A content distribution delivery system according to claim 1, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction characterized in that

it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and

the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.

3. (currently amended) A content distribution delivery system according to claim 2, wherein the content receiving client controls a reproduction for the received broadcast program further based on the reproduction control information or controls a recording reservation operation for the broadcast program further based on the reproduction control information characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for tuning or the program information, the receiving client controls a reproduction operation or a recording reservation operation for contents on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of

reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.

4. (currently amended) A content distributiondelivery system according to claim 2, wherein the content receiving client controls a reproduction for the received broadcast program based on record control data for managing a copy generation of contents in the control information or controls a recording reservation operation for the broadcast program based on record control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, the receiving client controls a reproduction operation or a recording reservation operation for contents on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.

5. (currently amended) A content distributiondelivery apparatus in server type broadcasting, comprising:

means that stores a data stream for constituting a broadcast program;

means that generates control information for obtaining data for atuning concerning the broadcast program and program information; and

means that transmits broadcast contents including consisting of the data stream constituting the broadcast program, the control information for tuning, and the program information, whereinafter characterized in that

the generation means inserts content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information ~~control~~ information concerning copyright protection for contents in sections of the control information for tuning or the program information, or the transmission means inserts content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information ~~control~~ information concerning copyright protection for contents in sections of the control information for tuning or the program information and transmits the control information.

6. (currently amended) A content distribution delivery apparatus according to claim 5, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction characterized in that

it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and

the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.

7. (currently amended) A content recording and reproduction apparatus that receives and reproduces broadcast contents in server type broadcasting, comprising:

reception means that receives broadcast contents including consisting of a data stream for constituting a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information control information for tuning, and program information;

storage means that stores the received broadcast contents; and

reproduction means that reproduces contents stored in the storage means, wherein characterized in that

the storage means controls a recording reservation processing operation for the contents in accordance with the content control information concerning copyright protection for contents inserted in sections of the control information for tuning or the program information, or the reproduction means controls a reproduction for the received broadcast program based on the content control information in the control information for obtaining the broadcast program or in the program information processing operation for stored contents in accordance with control information concerning copyright protection for contents inserted in sections of the control information for tuning or the program information.

8. (currently amended) A content recording and reproduction apparatus according to claim 7, —wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction characterized in that

it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and

the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.

9. (currently amended) A content recording and reproduction apparatus according to claim 8, wherein characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for obtaining the program tuning or the program information, the storage means controls a recording reservation operation for contents on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information, or the reproduction means controls a reproduction processing operation on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.

10. (currently amended) A content recording and reproduction apparatus according to claim 8, wherein the storage means controls a reproduction for the received broadcast program based on record control data for managing a copy generation of contents in the control information or controls a recording reservation operation for the broadcast program based on record

control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, the storage means controls a recording reservation operation for contents on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents, or the reproduction means controls a reproduction operation on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.

11. (currently amended) A content recording and reproduction method of receiving and reproducing broadcast contents in server type broadcasting, comprising:

a reception step of receiving broadcast contents including consisting of a data stream for constituting a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program or in the program information control information for tuning, and program information;

a storage step of storing the received broadcast contents; and

a reproduction step of reproducing the contents stored in the storage step, wherein characterized in that

in the storage step, a recording reservation operation for the contents is controlled in accordance with the content control information or the program information, or in the

reception step, a reproduction for the contents is controlled according to the content control information in the control information for obtaining the broadcast program or in the program informationa recording reservation processing operation for contents is controlled in accordance with control information concerning copyright protection for contents inserted in a section of the control information for tuning or the program information or, in the reproduction step, a reproduction processing operation for the stored contents is controlled in accordance with control information concerning copyright protection for contents inserted in the section of the control information for tuning or the program information.

12. (currently amended) A content recording and reproduction method according to claim 11, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction characterized in that

it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and

the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.

13. (currently amended) A content recording and reproduction method according to claim 12, whereincharacterized in that

in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for obtaining the program tuning or the program information, in the storage step, a recording reservation operation for contents is controlled on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information or, in the reproduction step, a reproduction processing operation is controlled on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.

14. (currently amended) A content recording and reproduction method according to claim 12, wherein in the storage step a reproduction for the received broadcast program is controlled based on record control data for managing a copy generation of contents in the control information or in the reproduction step recording reservation operation for the broadcast program is controlled based on record control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, in the storage step, a recording reservation operation for contents is controlled on the basis of recording control data for managing a copy generation of

contents described in the control information concerning copying of broadcast contents or, in the reproduction step, a reproduction operation is controlled on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.

15. (currently amended) A computer program that is described in a computer readable format so as to execute processing for receiving and reproducing broadcast contents in server type broadcasting on a computer system, comprising:

a reception step of receiving broadcast contents including a data stream for a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program or in the program information;

a storage step of storing the received broadcast contents; and

a reproduction step of reproducing the contents stored in the storage step, wherein

in the storage step, a recording reservation operation for the contents is controlled in accordance with the content control information or the program information, or in the reception step, a reproduction for the contents is controlled according to the content control information in the control information for obtaining the broadcast program or in the program information ~~reception step of receiving broadcast contents consisting of a data stream constituting a broadcast program, control information for tuning, and program information;~~

a storage step of storing the received broadcast contents; and

a reproduction step of reproducing the contents stored in the storage step, characterized in that in the storage step, a recording reservation processing operation for contents is controlled in accordance with control information concerning copyright protection for contents inserted in a section of the control information for tuning or the program information or, in the reproduction step, a reproduction processing operation for the stored contents is controlled in accordance with control information concerning copyright protection for contents inserted in the section of the control information for tuning or the program information.

16. (new) A content distribution system according to claim 1, wherein the broadcast contents and the content control information are broadcasted by radio wave.